



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kotaro NAKAMURA et al.

Title:

MAXIMUM POWER FOLLOW-

UP CONTROL APPARATUS

Appl. No.: 10/796,290

Filing Date: 03/10/2004

Examiner:

Unassigned

Art Unit:

2838

INFORMATION DISCLOSURE STATEMENT **UNDER 37 CFR §1.56**

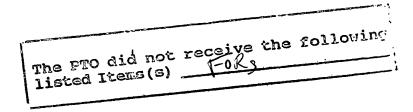
Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a prima facie art reference against the claims of the present application.



TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits, and within three (3) months of the mailing date of the foreign search report.

RELEVANCE OF EACH DOCUMENT

The foregoing document was cited by the examiner in Applicants' corresponding European application. A copy of the European Search Report setting the portion of each reference considered relevant by the examiner is attached.

Copies of Documents C1-C4 are not being provided, as these documents were made of record in Applicants' Information Disclosure Statement submitted for the Examiner's consideration on September 22, 2004.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or

even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date: December 23, 2004

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MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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STATEMENT BY APPLICANT

number

Date Submitted: December 23, 2004

se as many sheets as necessary)

Complete if Known				
Application Number	10/796,290			
Filing Date	03/10/2004			
First Named Inventor	Kotaro NAKAMURA et al.			
Group Art Unit	2838			
Examiner Name	Unknown			
Attorney Docket Number	044499-0207			

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		N	Date of Publication of	Pages, Columns, Lines, Where Relevant
		Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
	C1	5,892,354		Nagao et al.	04/06/1999	
74 74 WW						

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Initials* N	Cite No. ¹	For Office ³	reign Patent D Number ⁴	ocument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear.	T⁰
	C2	wo	03/012569	A1	Stichting Energieonderzoek Centrum Nederland			
	C3	EP	0 947 904	A2	Sanyo Electric Co., Ltd.	10/06/1999		
								-

	٠	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T [®]
	C4	Patent Abstracts of Japan, JP 08/123561, 05/17/1996, abstract only.	
	C5	J. FOX, "SAS Textbook Examples: Applied Regression Analysis" Online! August 17, 2000, URL:http://web.archive.org/web/20000817051835/http://www.ats.ucla.edu/stat/sas/examples/ara/arasas2.htm>, XP002296821.	
ï	C6	F. HOTI, Kernal Regression via Binned Data," Online! February 1, 2001, <u>URL:http://www.rni.helsinki.fi/{fjh/lisuri.pdf</u> >, XP002296820	
	C7	De MEDEIROS TORRES, et al., "An Artificial Neural Network-Based Real Time Maximum Power Tracking Controller for Connecting a PV System to the Grid," Industrial Electronics Soc, 1998, Conf. of IEEE, pp. 554-558, XP010308158	
	C8	N. PATCHARAPRAKITI et al., "Maximum Power Point Tracking Using Adaptive Fuzzy Logic Control for Grid-Connected Photovoltaic System," 2002 IEEE Power Eng. Soc. Proceedings, pp. 372-377.	

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Examiner	Date	
Signature	Considered	

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.